

0175 Rec'd PCT/PTO 02 FEB 2005

<p>FORM HDP-1449 (Based on Form PTO-1449)</p> <p>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE CITATION</p> <p>(Use several sheets if necessary)</p> <p>Sheet 1 of 3</p>	ATTORNEY DOCKET No.	SERIAL No.
	5259-046/NP	10/522831
	APPLICANT	
	Osamu MORIWAKI, et al	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.						

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.	/AB/	2001-008244 A	01/12/2001	JP		Abstract
2.	↓	2002-262319 A	09/13/2002	JP		Abstract
3.	↓	2000-134649	05/12/2000	JP		Abstract
4.	↓	2002-165238	06/07/2002	JP		Abstract
5.	↓	2002-300137	10/11/2002	JP		Abstract
6.	↓	3020378	01/14/2000	JP		*
7.	↓	06-311108	11/04/1994	JP		Abstract

* JP 3020378 corresponds to JP 06-311108

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	/AB/	Hideaki OKAYAMA, Takeshi KAMIJOH, and Masato KAWAHARA, "Multi Wavelength Highway Photonic Switches Using Wavelength-Sorting Elements-Design", Journal of Lightwave Technology, Vol. 15, No. 4, April 1997, pages 607 to 615
2.	↓	K. Noguchi, "Scalability of Full-Mesh WDM AWG-STAR Network", IEICE Transactions on Communications, Vol. E86-B, No. 5, pp. 1493-1497, May 2003
3.	↓	K. Kato et al., "32 x 32 Full-Mesh (1024 path) Wavelength Routing WDM Network Based on Uniform Loss Cyclic-Frequency Arrayed-Waveguide Grating", IEE Electron, Lett., Vol. 36, No. 15, pp. 1294-1295, July 2000
4.	↓	K. Kato et al., "10-Tbps Full-Mesh WDM Network Based on Cyclic-Frequency Arrayed-Waveguide Grating Router", ECOC 2000, Vol. 1, pp. 105-107, 2000
5.	↓	Y. Sakai, "Full-Mesh Wavelength-Routing WDM Network based on Arrayed-Waveguide Grating", IEEE LEOS Annual Meeting, Vol. 2, ThQ1, pp. 832-833

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
6.	/AB/	Y. Sakai et al., "Management System for Full-Mesh WDM AWG-STAR Network", ECOC 2001, no. We. B. 1. 5, pp. 264-265, 2001
7.		K. Noguchi et al., "Scalability of Full-Mesh WDM AWG-STAR Network", OECC 2002, 10A1-2, pp. 72-73, July 2002
8.		K. Noguchi et al., "The First Field Trial of a Wavelength Routing WDM Full-Mesh Network System (AWG-STAR) in a Metropolitan / Local Area", OFC 2003, THAA5, pp. 611-613, 2003
9.		H. Tanobe et al., "Demonstration of Logical-Topology Reconfiguration in Full-Mesh WDM Networks (AWG-STAR) Based on Wavelength Routing Technology", ECOC 2003, Th2.4.5, 2003, February 22, 2004
10.		O. Moriwaki et al., "Reconfigurable Wavelength-Routed Network with N x N AWG Arranged in CWDM Bands for Bandwidth on Demand", OFC 2003, MF90
11.		Y. Sakai et al., "Full-Mesh WDM Network Based on Cyclic-Frequency Arrayed-Waveguide Grating", Technical Report of IEICE, OCS2000-9, pp. 47-52, 2000 (English Abstract)
12.		Y. Sakai et al., "Full-Mesh Wavelength-Routing Network System (AWG-STAR)", Technical Report of IEICE, OCS2001-55, PS2001-26, OFT2001-31, pp. 61-66, 2001 (English Abstract)
13.		K. Noguchi et al., "Scalability of AWG-STAR Network System", Technical Report of IEICE, OCS2001-56, PS2001-27, OFT2001-32, pp. 67-72, 2001 (English Abstract)
14.		K. Noguchi et al., "Full-Mesh-Star Network System with Cyclic Frequency Arrayed Waveguide Grating", Technical Report of IEICE, OCS2001-80, OPE2001-84, LQE2001-78, pp. 47-52, 2001 (English Abstract)
15.		Y. Koike et al., "Field Trial of AWG-STAR Network", Technical Report of IEICE, PS2002-52, pp. 17-22, 2002 (English Abstract)
16.		Y. Koike et al., "A Monitoring and Control for AWG-STAR Network", Technical Report of IEICE, NS2002-195, PS2002-69, pp. 53-56, 2002 (English Abstract)
17.		H. Tanobe et al., "Logical Topology Dynamically-Reconfigurable Network with Wavelength Routing Full-Mesh AWG-STAR Technology", Technical Report of IEICE, NS2002-283, IN2002-256, pp. 133-136, 2003 (English Abstract)
18.		K. Kato et al., "10 Tpbs Full-Mesh WDM Network Based on 32 x 32 Cyclic-Frequency AWG", The Institute of Electronics, Information and Communication Engineers, B-10-1000, p. 475, 2000
19.	↓	K. Tanaka et al., "Wavelength Routing Experiment in WDM Star Network Using a Cyclic Arrayed-Waveguide Grating", The Institute of Electronics, Information and Communication Engineers, B-10-102, p. 477, 2000

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Sheet 3 of 3

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SERIAL NO.

5259-046/NP

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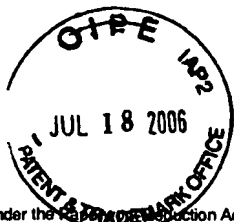
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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20.	/AB/	K. Sakai et al., "Optical Interface Board for Wavelength Division Multiplexing", The Institute of Electronics, Information and Communication Engineers, B-10-103, p. 478, 2000
21.		K. Noguchi et al., "Transmission Characteristics in Full-Mesh WDM Network Based on Cyblic-Frequency AWG (AWG-STAR)", The Institute of Electronics, Information and Communication Engineers, B-10-118, p. 341, 2000
22.		K. Sakai, et al., "A Study on Full-Mesh WDM Network Topology", The Institute of Electronics, Information and Communication Engineers, B-10-119, p. 342, 2000
23.		K. Noguchi et al., "AWG-STAR Network Based on Grouped Wavelength Path Routing", The Institute of Electronics, Information and Communication Engineers, B-12-2, p. 442, 2002
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27.		M. Matsuoka et al., "The Intranet Joint Experiment Using Optical Wavelength Routing Technology is Started", NTT Technical Journal, Vol., 14, No. 10, pp. 50-53, 2002
28.		M. Matsuoka et al., "Wavelength Routing Full-Mesh Network AWG-STAR", NTT Technical Journal, Vol. 14, No. 2, pp. 55-61, 2002
29.		News release, "NTT Develops Logical-Topology Reconfigurable WDM Network System", URL: http://www.ntt.co.jp/news/news03/0309/030917.html , September 17, 2003 (Japanese version)
30.		News release "NTT Develops Logical-Toploloy Reconfigurable WDM Network System", URL: http://www.ntt.co.jp/news/news03e/0309/030917.html , September 17, 2003 (English version)
31.		Press release "The Sale of an AWG Router Which Becomes a Key for a Next-Generation Optical Network is Started.", URL: http://www.nel.co.jp/new/information/2003_03_20/html , March 20, 2003
32.		R. Ramaswami et al., "Optical Networks", p. 340-343, Morgan Kaufmann Publishers Inc., 1998
33.	✓	International Search Report for PCT/JP2004/001891; ISA/JP; Dated: 05/24/2004

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/522831
				Filing Date	February 2, 2005
				First Named Inventor	Osamu Moriwaki
				Art Unit	2872
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	5259-000046/US/NP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/AB/	AA*	US-5,937,117		Ishida et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/AB/	BA	JP-10-243424	09-11-1998	Ishida et al.		
/AB/	BB	JP-2004-147035	05-20-2004	Okada et al.		✓

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